I CLAIM:

1. A magnet valve housing (1) comprising a hollow-body-like shape defined by a generally tubular sidewall having regions of different wall thickness (W_1, W_2) extending axially of the housing.

2. The housing in accordance with claim 1, wherein the wall thickness of the housing varies continuously between a maximum wall thickness (W_1) and a minimum wall thickness (W_2).

3. The housing in accordance with claim 2, wherein the housing is embodied symmetrically.

4. The housing in accordance with claim 1, wherein he housing (1) comprises a reduced wall thickness in two regions facing one another.

5. The housing in accordance with claim 3, wherein he housing (1) comprises a reduced wall thickness in two regions facing one another.

6. The housing in accordance with claim 1, wherein the housing comprises four regions (5, 6, 7, 8) of reduced wall thickness, and wherein two regions of reduced wall thickness each face one another.

7. The housing in accordance with claim 3, wherein the housing comprises four regions (5, 6, 7, 8) of reduced wall thickness, and wherein two regions of reduced wall thickness each face one another.

8. The housing in accordance with claim 1, wherein the housing is embodied as essentially cup-shaped.

9. A magnet array, comprising a plurality of housings as defined in claim 1, in which the housings are disposed such that adjacent housings are in contact with one another.

10. A magnet array, comprising a plurality of housings as defined in claim 3, in which the housings are disposed such that adjacent housings are in contact with one another.

11. A magnet array, comprising a plurality of housings as defined in claim 6, in which the housings are disposed such that adjacent housings are in contact with one another.

12. The magnet array of claim 9, wherein the housings (1) are disposed such that the magnet array (4) has an essentially rectangular outer circumference.

13. The magnet array of claim 9, wherein the housings (1) of the magnet array are disposed such that in their regions of contact with adjacent housings, the housings each have regions of reduced wall thickness.

14. The magnet array of claim 12, wherein the housings (1) of the magnet array are disposed such that in their regions of contact with adjacent housings, the housings each have regions of reduced wall thickness.

15. The magnet array of claim 9, wherein each housing comprises at least two regions of reduced wall thickness, and the housings are disposed to make up a magnet array (4) in such a way that each housing is in contact with at least two housings in regions of reduced wall thickness.